SAMPLE 4-YEAR PLAN: BIOLOGY B.A. - B.S. with NKU Occupational Therapy Prerequisites

Northern Kentucky University

This is **one way** a student can complete this program in four years if the student enters NKU with a mathematics ACT score of 25 or higher.

MAJOR: Biology
TRACK: B.S. General Biology with NKU Occupational Therapy Prerequisites (highlighted in yellow).

FIRST YEAR In addition to these courses for your major, you should be taking an appropriate mathematics course and consider taking a foreign language if you are continuing a language from high school.	**Fall Semester**		**Spring Semester**	
	BIO 150 Introduction to Biology and BIO 150L Introduction to Biology Lab	4	BIO 151 Introduction to Biology II and BIO 151L Introduction to Biology II Laboratory	4
	CHE 120 General Chemistry I and CHE 120L General Chemistry Lab I Laboratory	4	CHE 121 General Chemistry II and CHE 121L General Chemistry II Laboratory	4
	ENG 101 College Writing	3	MAT 112 Applied Calculus or MAT 129 Calculus I or MAT 128	3-4
	BIO 155 Orientation to Biology	1	CMST 101 Public Speaking or CMST 100 or TAR 111	3
	PSY 100 Introduction to Psychology	3		
	TOTAL	**15**	**TOTAL**	**14-15**
SECOND YEAR	**Fall Semester**		**Spring Semester**	
	BIO 349 Genetics and BIO 349L Genetics Laboratory	4	BIO 304 General Biology and BIO 304L Ecology Laboratory	4
	BIO 291W Advanced Writing in Biology (Advanced Coll Wr)	3	STA 205 Introduction to Statistical Methods	3
	CHE 310 Organic Chemistry and CHE 310L Organic Chemistry Laboratory	4	CHE 311 Organic Chemistry II and CHE 311L*Organic Chemistry II Laboratory	4
	Gen Ed (Foreign Language)	3	Foreign Language	3
			Gen Ed (Global Viewpoints)	3
	TOTAL	**14**	**TOTAL**	**17**
THIRD YEAR The electives chosen should be from the appropriate course groups to fulfill the requirements for this track.	**Fall Semester**		**Spring Semester**	
	BIO 425/L Adv Anat & Phy I	4	BIO 426/L Adv Anat & Phy II	4
	Field elective	4	BIO 358 Evolution of Organisms	3
	PHY 211 General Physics with Laboratory***	4	PHY 213 General Physics with Laboratory II	4
	PSY 321 Lifespan Development	3	PSY 333 Abnormal Psychology	3
	TOTAL	**15**	**TOTAL**	**14**
FOURTH YEAR The electives chosen should be from the appropriate course groups to fulfill the requirements for this track. In addition, you should make sure you have taken enough classes at the 300 level or above to satisfy the university requirement of 45 hours.	**Fall Semester**		**Spring Semester**	
	Elective	4	Elective	4
	SOC 100 Introduction to Sociology	3	BIO 491 Comprehensive Examination	0
	BIO 272 Medical Terminology	3	Gen Ed	3
	Electives 300 level or above	4	Gen Ed (Culture & Creativity)	3
			Electives 300 level or above	6
	TOTAL	**14**	**TOTAL**	**16**
			GRAND TOTAL OF CREDITS	**120-121**

Notes:

- * Students may elect to substitute another course for CHE 311 and CHE 311L; please see catalog for list of approved courses.
- ** Refer to the Biological Sciences Course Groups for a list of courses.
- ***Prerequisite of MAT 119 or a minimal math ACT score of 25 or equivalent placement.

OT Prerequisites

- Completion of the following prerequisite courses with a minimum grade of C and no more than two attempts in each prerequisite course.
    - Human Anatomy and Physiology with Labs (BIO 208 & 209)
    - Advanced College Writing (ENG 102)
    - General Physics with Lab (PHY 211)
    - Introduction to Psychology (PSY 100)
    - Introduction to Sociology (SOC 100)
    - Lifespan Development Psychology (PSY 321)
    - Abnormal Psychology (PSY 333)
    - Introduction to Statistics Methods (STA 205 or equivalent)
    - Medical Terminology (BIO 272)